(check to indicate certification)

(complete attached worksheet)

<3000>

<3005>

Page 1

C	ervice Quality Improvement Reporting ollection Form			FCC Form 481  OMB Control No. 3060-0986/OMB Control No. 3060-0  July 2013	0819
<010>	Study Area Code	120045			
<015>	Study Area Name	KEARSARGE TEL C	0		
<020>	Program Year	2016			
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelb	ein		
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.			
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelb	ein@tdstelecom.com		
<110>	Has your company received its ETC certification from the FCC?	(yes / n	o) O <b>©</b>		
<111>	If your answer to Line <110> is yes, do you have an existing §54.202(a) "5 year plan" filed with the FCC?	(yes / n	。) O O		
<112>	If your answer to Line <111> is yes, then you are required to file a progress report, on line <112> delineating the status of your company's existing § 54.202(a) "5 year plan" on file with the FCC, as it relates to your provision of voice telephony service.  Attach Five-Year Service Quality Improvement Plan or, in subsequent years, your annual progress report filed pursuant to 47 C.F.R. § 54.313(a)(1). If your of CETC which only receives frozen support, your progress report is only required to address voice telephony service.		20045nh112.pdf	Name of Attached Document	G G
	Please select the appropriate responses below (Yes, No, Not Applicable) to confit that the attached document(s), on line 112, contains a progress report on its five service quality improvement plan pursuant to §54.202(a). The information shall be submitted at the wire center level or census block as appropriate.	e-year			
<113>	Maps detailing progress towards meeting plan targets		Yes		
<114>	Report how much universal service (USF) support was received		Yes	7	
<115>	How much (USF) was used to improve service quality and how support was used to improve	ve service quality	Yes	7	
<116>	How much (USF) was used to improve service coverage and how support was used to improve service.			=	
<117>	How much (USF) was used to improve service capacity and how support was used to improve service.				
<118>	Provide an explanation of network improvement targets not met in the prior calendar year.	outputty	Yes Not Applicable		

Common State of the Principle	vice Outage Reporting (Voice) ection Form		FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013
<010>	Study Area Code	120045	
<015>	Study Area Name	KEARSARGE TEL CO	
<020>	Program Year	2016	rent also a content
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein	TWO TRUE YES STEEL STATE OF THE
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.	

<039> Contact Email Address - Email Address of person identified in data line <030> bruce.schiefelbein@tdstelecom.com

<220>

<a></a>	<b1></b1>	<b2></b2>	<b3></b3>	<b4></b4>	<c1></c1>	<c2></c2>	<d></d>	<e></e>	<f></f>	<g></g>	<h></h>
NORS Reference Number	Outage Start Date	Outage Start Time	Outage End Date	Outage End Time	Number of Customers Affected	Total Number of Customers	911 Facilities Affected (Yes / No)	Service Outage Description (Check all that apply)	Did This Outage Affect Multiple Study Areas (Yes / No)	Service Outage Resolution	Preventative Procedures
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<010>	Study Area Code	120045
<015>	Study Area Name	KEARSARGE TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<701>	Residential Local Service Charge Effective Date 1/1/2015	
<702>	Single State-wide Residential Local Service Charge	

<703>

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State	Exchange (ILEC)	SAC (CETC)	Rate Type	Residential Local Service Rate	State Subscriber Line Charge	State Universal Service Fee	Mandatory Extended Area Service Charge	Total per line Rates and Fe
State	Exchange (ILLE)	JAC (CETC)	nate Type	Service nate	State Subscriber Line Charge	State Universal Service Fee	Service Charge	Total per line nates and Per
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Page 5

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<015>	Study Area Name	KEARSARGE TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

	F-1 (1150)		State Regulated		Broadband Service - Download Speed	Broadband Service -	Usage Allowance	Usage Allowance Action Taken Whe
State	Exchange (ILEC)	Residential Rate	Fees	Total Rate and Fees	(Mbps)	Upload Speed (Mbps)	(GB)	Limit Reached (selec
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Contact Name - Person USAC should contact regarding this data  Contact Telephone Number - Number of person identified in data line <030> Contact Email Address - Email Address of person identified in data line <030> Contact Email Address - Email Address of person identified in data line <030> Contact Email Address - Email Address of person identified in data line <030>  Reporting Carrier  Kearsarge Telephone Company  Company  Telephone and Data Systems, Inc.  Coperating Company  Kearsarge Telephone Company  Affiliates  SAC  Doing Business As Company or Brand Designation	<010>	Study Area Code				
Contact Name - Person USAC should contact regarding this data  Costs Contact Telephone Number - Number of person identified in data line <030>  Contact Email Address - Email Address of person identified in data line <030>  Contact Email Address - Email Address of person identified in data line <030>  Email Address - Email Address - Email Address of person identified in data line <030>  Email Address - Email Address - Email Address of person identified in data line <030>  Email Address - Email Address - Email Address - Email Address of person identified in data line <030>  Email Address - Email Address - Email Address - Email Address - Email Address of person identified in data line <030>  Email Address - Emai						
Contact Telephone Number - Number of person identified in data line <030>  Contact Email Address - Email Address of person identified in data line <030>  bruce .schiefelbein@tdstelecom.com  Callo Reporting Carrier  Kearsarge Telephone Company  Callo Operating Company  Telephone and Data Systems, Inc.  Callo Operating Company  Kearsarge Telephone Company  Affiliates  SAC  Doing Business As Company or Brand Designation	the Commence of the			2016	*	
Contact Email Address - Email Address of person identified in data line <030> bruce.schiefelbeinstdstelecom.com    Seporting Carrier   Kearsarge Telephone Company	1.50005000				24.6-27.57.5	
Reporting Carrier Kearsarge Telephone Company     Holding Company Telephone and Data Systems, Inc.     Operating Company Kearsarge Telephone Company     Affiliates SAC Doing Business As Company or Brand Designation				6086645455 ex	t.	
4811> Holding Company Telephone and Data Systems, Inc. 4812> Operating Company Kearsarge Telephone Company 4813> Affiliates SAC Doing Business As Company or Brand Designation	<039>	Contact Email Address -	Email Address of person identified in data line <030>	bruce.schiefe	elbein@tdstelecom.com	
<812> Operating Company Kearsarge Telephone Company <813> Affiliates SAC Doing Business As Company or Brand Designation	<810>	Reporting Carrier	Kearsarge Telephone Company		41 (42)646	
Affiliates SAC Doing Business As Company or Brand Designation	<811>	Holding Company	Telephone and Data Systems, Inc.			
Affiliates SAC Doing Business As Company or Brand Designation	<812>	Operating Company	Kearsarge Telephone Company			
	<813>		Affiliates			
See attached worksheet			Aimates		JAC	Soring Submices As Company of Status Seeignation
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See attached worksheet					MILES AND A LOCAL DESCRIPTION OF THE PROPERTY	
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<010>	Study Area Code		120045
<015>	Study Area Name	_	KEARSARGE TEL CO
<020>	Program Year		2016
<030>	Contact Name - Person USAC should contact regarding this data		Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <	030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <	<030>	bruce.schiefelbein@tdstelecom.com
<910>	Tribal Land(s) on which ETC Serves		
<920>	Tribal Government Engagement Obligation		Name of Attached Document
	ompany serves Tribal lands, please select (Yes,No, NA) for each these boxes		
	m the status described on the attached document(s), on line 920,		
	trates coordination with the Tribal government pursuant to s(a)(9) includes:	Yes	Select s or No or t Applicable
<921>	Needs assessment and deployment planning with a focus on Tribal community anchor institutions.	1.164	
<922>	Feasibility and sustainability planning;		
<923>	Marketing services in a culturally sensitive manner;		
<924>	Compliance with Rights of way processes		
<925>	Compliance with Land Use permitting requirements		
<926>	Compliance with Facilities Siting rules		
<927>	Compliance with Environmental Review processes		
<928>	Compliance with Cultural Preservation review processes		
<929>	Compliance with Tribal Business and Licensing requirements.		

## ${\bf REDACTED - AVAILABLE \; FOR \; PUBLIC \; INSPECTION}$

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s do Constituto		
<010>	Study Area Code	120045
<015>	Study Area Name	KEARSARGE TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<1120>	Please confirm whether terrestrial backhaul options exist within the supported area	
	pursuant to § 54.313(g) (Yes, No).	

## ${\bf REDACTED - AVAILABLE \ FOR \ PUBLIC \ INSPECTION}$

<010>	Study Area Code		120045			
<015>	Study Area Name		KEARSARGE TEL CO			
<020>	Program Year		2016			
<030>	Contact Name - Person USAC should contact regarding this data		Bruce Schiefelbein			
<035>	Contact Telephone Number - Number of person identified in data line	<030>	6086645455 ext.			
<039>	Contact Email Address - Email Address of person identified in data line	<030>	bruce.schiefelbein@tdstelecom.com			
<1210>	Terms & Conditions of Voice Telephony Lifeline Plans	1	.20045nh1210.pdf			
		_	Name of Attached Document			
<1220>	Link to Public Website	ITTP				
or the we § 54.422	"Please check these boxes below to confirm that the attached document(s), on line 1210, or the website listed, on line 1220, contains the required information pursuant to § 54.422(a)(2) annual reporting for ETCs receiving low-income support, carriers must annually report:					
<1221>	Information describing the terms and conditions of any voice telephony service plans offered to Lifeline subscribers,	✓				
<1222>	Details on the number of minutes provided as part of the plan,	1				
<1223>	Additional charges for toll calls, and rates for each such plan.	1				

aner Lating		Consequence and consequence of the consequence of t
<010>	Study Area Code	
<015>	Study Area Name	120045
<020>	Program Year	KBARSARGE TEL CO
<030>	Contact Name - Person USAC should contact regarding this data	2016
<035>	Contact Telephone Number - Number of person identified in data line <030>	Bruce Schiefeldein
<039>	Contact Email Address - Email Address of person identified in data line <030>	606694333 EXC.
		bruce.schlefelbeln@tdstelecom.com
	e appropriate responses below (Yes, No, Not Applicable) to note compliance as a America Phase II support as set forth in 47 CFR § 54.313(b),(c),(d),(e). The information of the complex of the comp	a recipient of Incremental Connect America Phase I support, frozen High Cost support, High Cost support to offset access charge reductions, and lation reported on this form and in the documents attached below is accurate.
<2010>	2nd Year Certification (47 CFR § 54.313(b)(1)i)	
<2011a	3rd Year Certification {47 CFR § 54.313(b)(1)ii}	
<2011b>	Attachment {47 CFR § 54.313(b)(1)ii}	3
		Name of Attached Document(s) Listing Required Information
<2012> <2013> <2014> <2015>	2014 Frozen Support Calculation (47 CFR § 54.313(c)(2)) 2015 Frozen Support Calculation (47 CFR § 54.313(c)(3))	
<2016>	Price Cap Carrier Connect America ICC Support (47 CFR § 54.313(d)) Certification Support Used to Build Broadband	
<2017> <2018:	5th year Broadband Service Certification	
<2020>	Please check the box to confirm that the attached document(s), on lin pursuant to § 54.313 (e)(3)(ii), as a recipient of CAF Phase II support st addresses of community anchor institutions to which began providing preceding calendar year.	nall provide the number, names, and
<2021>	Interim Progress Community Anchor Institutions	Name of Attached Document(s) Listing Required Information

Kiloma viella			
<010>	Study Area Code	120045	
<015>	Study Area Name	KEARSARGE TEL CO	
<020>	Program Year Contact Name - Person USAC should contact regarding this data	2016 Bruce Schiefelbein	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com	
CHECK	he boxes below to note compliance on its five year service quality plan (pursuar	t to 47 CER & 54 202(a)) and for privately held carriers ensuring o	ompliance with the financial reporting requirements set fort
- Circon		e information reported on this form and in the documents attache	
		120045nh3010.pdf	
		Control of the desired and the state of the desired and the state of t	
(3010)	Progress Report on 5 Year Plan		
	Milestone Certification (47 CFR § 54.313(f)(1)(i))	No. of the land Borne of the Bo	
		Name of Attached Document Listing Required Information	tion
(3011)	Please check this box to confirm that the attached document(s), on line 3 § 54.313 (f)(1)(ii), the carrier shall provide the number, names, and addre providing access to broadband service in the preceding calendar year.		7
		120045nh3012.xlsx	
(3012)	Community Anchor Institutions (47 CFR § 54.313(f)(1)(ii))		
		Name of Attached Document Listing Required Information	
1, 7	Is your company a Privately Held ROR Carrier [47 CFR § 54.313(f)(2)] If yes, does your company file the RUS annual report	(Yes/No) (Yes/No)	} <b>\Q</b>
DARGE CONT.	check these boxes to confirm that the attached document(s), on line 3017	contains the required information pursuant to \$ 54.213/0/2	) compliance requires:
	Electronic copy of their annual RUS reports (Operating Report for	, contains the required information pursuant to § 54.515(1)(2	compliance requires.
(3015)	Telecommunications Borrowers)		4
(3016)	Document(s) for Balance Sheet, Income Statement and Statement of Ca	sh Flows	
(3017)	If the response is yes on line 3014, attach your company's RUS annual report and all required documentation		
		Name of Attached Document Listing Required Information	
(3018)	If the response is no on line 3014, Is your company audited?	(Yes/No)	a)C)
	If the response is yes on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § \$4.313(f)(2), contains	30000000	
(3019)	Éither a copy of their audited financial statement; or (2) a financial report in a fo	ormat comparable to RUS Operating Report for Telecommunication	· 🖵
(3020)	Document(s) for Balance Sheet, Income Statement and Statement of C		
(3021)	Management letter and audit opinion issued by the independent certified pr	iblic accountant that performed the company's financial audit	4
	If the response is no on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313(f)(2), contains:		
(3022)	Copy of their financial statement which has been subject to review by an independent certified public accountant; or 2) a financial report in a		
	format comparable to RUS Operating Report for Telecommunications Borrowers,		
(3023)	Underlying information subjected to a review by an independent certified public accountant		
(3024)	Underlying information subjected to an officer certification.  Document(s) for Balance Sheet, Income Statement and Statement of Co	ash Flows	
(3023)	Document(s) for balance oneer, income statement and statement of C	2311110472	
(3026)	Attach the worksheet listing required information		
	ŗ	Name of Attached Document Listing Required Information	

and the second s	er i generali de la companya de la c
Study Area Code	120045
Study Area Name	KEARSARGE TEL CO
Program Year	2016
Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
	Study Area Name Program Year Contact Name - Person USAC should contact regarding this data Contact Telephone Number - Number of person identified in data line <030>

Financial Data Summan.	
Financial Data Summary	
(3027) Revenue	
(3028) Operating Expenses	
(3029) Net Income	
(3030) Telephone Plant In Service(TPIS)	
(3031) Total Assets	
(3032) Total Debt	
(3033) Total Equity	
(3034) Dividends	

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<010>	Study Area Code	120045
<015>	Study Area Name	KEARSARGE TEL CO
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<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ANNUAL REPORTING ON ITS OWN BEHALF:

I certify that I am an officer of the reporting carrier; my responsil recipients; and, to the best of my knowledge, the information re	polities include ensuring the accuracy of the annual reporting requirements for universal service sup- ported on this form and in any attachments is accurate.
Name of Reporting Carrier: KEARSARGE TEL CO	
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/11/20
Printed name of Authorized Officer: Kevin Hess	
Title or position of Authorized Officer: Executive Vice Presi	dent
Telephone number of Authorized Officer: 6086644160 ext.	1907 - 19 TOTAL - 1907 - 1908
Study Area Code of Reporting Carrier: 120045	Filing Due Date for this form: 07/01/2015

	College College	one company transfer of the party of the par
		incase.
<010>	Study Area Code	120045
<015>	Study Area Name	KEARSARGE TEL CO
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<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ANNUAL REPORTS ON THE CARRIER'S BEHALF:

	orize an Agent to File Annual Reports for CAF or LI Recipients on Behalf of Reporting Carrier
I certify that (Name of Agent)_ also certify that I am an officer of the reporting carrier; i agent; and, to the best of my knowledge, the reports an	is authorized to submit the information reported on behalf of the reporting carrier. responsibilities include ensuring the accuracy of the annual data reporting requirements provided to the authorized data provided to the authorized agent is accurate.
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer:	Date:
Printed name of Authorized Officer:	
Title or position of Authorized Officer:	
Telephone number of Authorized Officer:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
Persons willfully making false statements on this form o	be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent A	Authorized to File Annual Reports for CAF or LI Recipie	ents on Behalf of Reporting Carrier
경 - 프라크	orized to submit the annual reports for universal service supporteporting carrier; and, to the best of my knowledge, the information	
Name of Reporting Carrier:		
Name of Authorized Agent or Employee of Agent:		
Signature of Authorized Agent or Employee of Agent:		Date:
Printed name of Authorized Agent or Employee of Agent:	V =	
Title or position of Authorized Agent or Employee of Agent		
Telephone number of Authorized Agent or Employee of Age	ent:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	

Attachments

State: NEW HAMPSHIRE

Study Area:

120045

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

As an Incumbent Local Exchange Carrier (ILEC) and Eligible Telecommunications Carrier (ETC), Kearsarge has been providing ubiquitous, high-quality voice telecommunications services in its study area for many years. To accomplish and maintain this service level, Kearsarge has made significant historical investment to deploy, operate, and maintain an integrated, highly-reliable network. In addition to its own capital spending, Kearsarge draws from the federal Universal Service Fund (USF). Universal service support has been (and continues to be) critical in enabling Kearsarge's services in its rural markets to be reasonably comparable in quality and price to services in more urban markets, as Congress mandated in the Telecommunications Act. Kearsarge draws USF support because the cost of providing voice and data services in its rural study area are substantially higher than those in urban areas, and thus all of the costs cannot be recovered solely from Kearsarge's customers while maintaining reasonably comparable prices. Kearsarge has made investments to bring high speed data services to its customers when the level of customer revenues and universal service support has made it financially viable to do so.

For Kearsarge, federal high cost support is used to help offset ongoing network costs, but the monies received cover only a portion of the cost of updating and operating the network. In 2014, Kearsarge received \$1,149,000 in USF support while incurring in operating expenses and investing in new plant. The attached Schedule A contains a list of specific network improvement projects that were completed in 2014 at the wire center level. Where these projects related to specific DSAs within the wire center, it is so indicated and can be cross-referenced to the exchange map attached as Exhibit 1. As evidenced by these support and expenditure numbers provided for the current reporting year, the universal service support that Kearsarge receives covers only a fraction of its cost to provide service. Continued receipt of USF support is vital to helping Kearsarge maintain reasonably comparable rates for local exchange service; and to incrementally upgrade its telecommunications facilities and equipment to help meet evolving service requirements and maintain high quality service.

Because USF funding support is modest compared to Kearsarge's ongoing network operating expense, the spending of USF support money is primarily focused on repair, maintenance and incremental upgrades to maintain existing service levels rather than further expansion of broadband services deeper

**Kearsarge Telephone Company dba TDS Telecom** 

State: NEW HAMPSHIRE

Study Area:

120045

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

into the network. Given the current level of customer revenues, the level of universal support, and the technology available today, the additional costs associated with expanding broadband services to unserved portions of the study area, or increasing speeds to already served portions of the study area, far exceed Kearsarge's financial ability to make such investments.

The telecommunications industry continues to change rapidly and significantly as a result of the unprecedented pace of technological advances, increasing customer needs and ongoing regulatory reforms. The level of uncertainty brought about by these factors make long-range network planning a difficult task. By necessity, significant capital investment in network upgrades is cyclical. Capital expenditures in one year are typically followed by a number of years of maintenance of the network to allow time for recovery and return on the investment before the next upgrade is undertaken.

Rapid and significant changes in technology are expected to continue to occur in the telecommunications industry over the next five years. Kearsarge believes that its existing network architecture will enable it to incorporate many of these technological changes efficiently, but expects that such changes will also shorten product lifecycles and drive an increase in the rate of obsolescence experienced with existing network equipment. However, having the capability to evolve and being able to afford the cost to evolve, are both necessary to support the capital expenditure.

In an attempt to deliver products similar to those available in more urban areas, telecom companies, like Kearsarge are under growing pressure to provide access to services and applications that are driving enormous growth in customer demand for bandwidth. Absent predictable and sufficient universal service support for broadband services, Kearsarge will be unable to meet this growing demand.

In addition, Kearsarge also faces significant regulatory uncertainty at this time. The FCC 's

Transformation Order and subsequent orders on reconsideration have put universal service revenue in a
state of flux. Forecasting universal service revenues and developing long-range, detailed network plans
that depend on those revenues has become all but impossible. While the FCC Transformation Order

State: NEW HAMPSHIRE

Study Area:

120045

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

adopted a number of comprehensive reforms to the universal service and intercarrier compensation mechanisms, it also left open the long term framework for universal service. Presently there are multiple plans in front of the FCC proposing new and different frameworks. While some plans provide for continued support under a rate of return (ROR) regime, others propose an optional plan to move in the direction of support based on a model which predicts the costs of a forward looking fiber to the home network. The details of these plans radically differ from one another, and the FCC has given little indication of which of these plans it will move towards. It is also possible that universal service reform for ROR companies will not be resolved in the near term, and that the current mechanisms will continue to struggle along. Given this backdrop, predicting next year's federal universal service amounts, let alone those for the next five years, is tenuous at best.

The most conservative approach would be to utilize status quo whereby we forecast based on past revenues. Yet even this approach is uncertain at best. For example, even under the "status quo" assumption, the FCC is considering (1) represcribing the authorized interstate rate-of-return, possibly to a level lower than the current 11.25%; (2) eliminating high cost support in areas where there is an unsubsidized competitor offering service to less than 100% of customers; (3) limiting the recovery of Interstate Common Line Support (ICLS); and (4) lowering originating switched access rates similar to terminating rates. Having all these unknowns on the planning horizon (most, if not all of which could have a negative impact on Kearsarge's level of support) make it near impossible to predict to what extent Kearsarge can rely on universal service support at historic levels for continued aid in supporting its network. Any future rulemaking that results from these proposals could have significant impacts on the future network plans of Kearsarge.

Given all of the uncertainty surrounding the industry, and the need for Kearsarge to allocate scarce resources, invest prudently, and operate efficiently, long range predictive forecasting at any level of granularity is difficult and subject to revision as new information becomes known. Also, the speculative nature of planning in this type of environment hinders Kearsarge's ability to effectively develop long-term network build out plans based on projected future USF support.

State: NEW HAMPSHIRE

Study Area:

120045

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The attached Schedule B summarizes Kearsarge's USF received in 2014 and projected expenditures for 2015 – 2019. The projected 5-year period is based upon historical spending data, which, given the many unknown factors, may have limited value in predicting future network needs and may vary widely from actual spending incurred in the forecasted years, and thus should be treated with that in mind.

The content, timing, and specific geographic locations of projects that will be undertaken in the next five years, is unknown at this time. The selection of future projects will be based on the evaluation of many factors, including current consumer demand, limited capital resources and estimated amounts of universal service support. These and other external factors are not within Kearsarge's control and are subject to change. Such changes may affect the assumptions and calculations regarding the optimal improvements to network facilities required to provide high-quality advanced services to Kearsarge's customers.

With full recognition of the difficulty in predicting exact locations, specific projects or levels of expenditures, Kearsarge commits to utilize available universal service support to help maintain and improve network quality, and if feasible, deploy advanced technologies and new services, expand coverage and improve broadband speeds for its customers.

State: NEW HAMPSHIRE Study Area: 120045

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

2014 Capital Expenditures

2014 Capital Expenditures		DCA	
—work •Pre-control :		DSA	
Exchange			Description
ANDOVER	01700	753	
	01700	753	
	01700	753	
	01700	753	
	01700	753	
	01700	753	
	01700	753	
	01700	753	
	01700	753	
	01700	753	
	Customer specific	753	
J 1975 - 1	Customer specific	753	
	Customer specific	753	
	01700	753	
	01701	482	
	01701	482	
	01701	482	
	01702	372	
	01702	372	
	01703	637	
	01703	637	
	01703	637	
	01703	637	
	01703	637	
	01704	404	
	01704	404	
	01705	135	
	none	#N/A	
BOSCAWEN	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01800	1,864	
	01802	995	
	01803	317	
8 =	Various	#N/A	
	Various	#N/A	
CHICHESTER	32300	1,414	
	32300	1,414	
	32300	1,414	
	32300	1,414	
	32300	1,414	
	32300	1,414	
	32300	1,414	
· · · · · · · · · · · · · · · · · · ·	32300	612	
	32301	612	
	32301	612	
		612	
	32301		
	32302	826	
	32302	826	
	32304	415	
	32305	911	
	32306	513	
	32306	513	
	Various	#N/A	

Schedule A

Kearsarge Telephone Company dba TDS Telecom

State: NEW HAMPSHIRE Study Area: 120045

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

2014 Capital Expenditures

		DSA
Exchange	DSA	Population
-	none	#N/A
The second secon	Various	#N/A
ALUSS EKONES SE	Various	#N/A
MERIDEN	17400	1,214
	17400	1,214
	17400	1,214
	Customer specific	1,214
	17400	1,214
	17402	#N/A
NEW LONDON - NH	01600	2,426
NEW CONDON THE	01600	2,426
	01600	2,426
	01600	2,426
	01600 01600	2,426 2,426
		2,426
	01600	
	01600	2,426
	Customer specific	2,426
	Customer specific	2,426
	01600	2,426
	01602	714
	01602	714
	01602	714
	01602	714
	01602	714
	01603	959
U DOMESTICAL	01603	959
	01603	959
	01603	959
City.	01605	380
	01607	569
	Customer specific	569
(4)35	01610	#N/A
	01612	394
CALLEGATION S	01613	532
	Customer specific	532
	Various	#N/A
	none	#N/A
	Various	#N/A
	none	#N/A
SALISBURY	01900	775
	01900	775
	01900	775
	01900	775
	01900	775
	01902	627
	01903	321
	none	#N/A
ALL EXCHANGES	All Exchanges	#N/A
	All Exchanges	#N/A #N/A
	All Exchanges	#N/A
	All Exchanges	#N/A #N/A
	All Exchanges	

Schedule A

Schedule B

## **Kearsarge Telephone Company (SAC 120045)**

### Line 100 - Service Quality Improvement Reporting

Rule 54.202(a)(1) and 54.313(a)(1)

#### **USF** Received in 2014

High Cost Loop Support	\$
ICLS Support	\$ 911,940
Safety Net Additive	\$ ) <del>=</del>
Safety Value Additive	
CAF	\$ 237,072
TOTAL	\$ 1,149,012

#### Five-Year Plan

	2015	2016	2017	2018	2019
Operating Expenses	S				
C vir					
Capital Expenditures	S				

## REDACTED - AVAILABLE FOR PUBLIC INSPECTION KEARSARGE TEL. CO., NH Exhibit 1

# **Broadband Status**

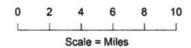


#### DLC LOCATION | DSA

- Existing
- Proposed | Future **Broadband Enabled** No DSL

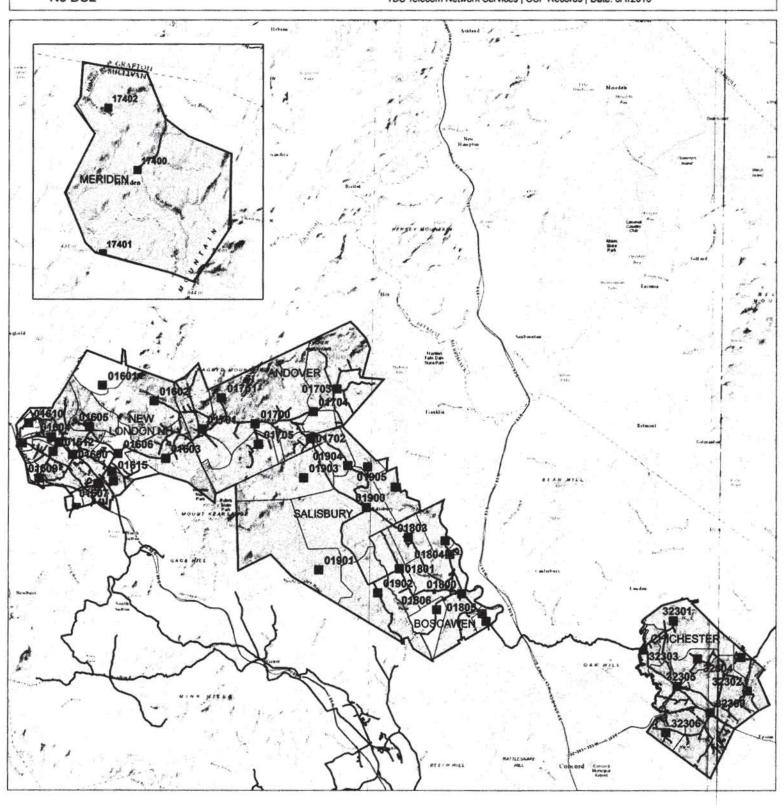
#### **OTHER FEATURES**

- Exchange Boundary
- Existing TDS Fiber



TDS Telecom Network Services | OSP Records | Date: 5/1/2015





00) Service ta Collecti	Outage Repo	orting (Vo	ice)					C THE STATE OF THE	FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013		
<010> St	udy Area Code	6					120045				
	Study Area Name						KEARSARGE TEL CO				
<020> Pr	Program Year						2016				
<030> Co	ontact Name - I	Person US/	AC should cont	act regardir	ng this data		Bruce Schi	efelbein			
<035> Co	ontact Telepho	ne Numbe	r - Number of	person iden	tified in data li	ne <030>	6086645455	ext.			
<039> Co	ontact Email Ac	idress - Em	nail Address of	person ider	ntified in data li	ine <030>	bruce.schi	efelbein@tdstelecom.com			
<220>											
<a>&gt;</a>	<b1></b1>	<b2></b2>	<b3></b3>	<b4></b4>	<c1></c1>	<c2></c2>	<d></d>	<e></e>	<f></f>	<g></g>	<h></h>
NORS Reference lumber	Outage Start Date	Outage Start Time	Outage End Date	Outage End Time	Number of Customers Affected	Total Number of Customers	911 Facilities Affected (Yes / No)		Did This Outage Affect Multiple Study Areas (Yes / No)	Service Outage Resolution	Preventative Procedures
			1								

#### Line 330 - Detail on Attempts (broadband)

#### Rule 54.313(a)(3)

Kearsarge Telephone Company has implemented service availability tracking tools and employee training capabilities to respond to direct customer requests for broadband services.

Upon receipt of a new broadband service request, Kearsarge Telephone Company's service advisors follow these steps for provisioning the service:

- The Kearsarge Telephone Company service advisor uses a customized service addressability
  software tool to determine if broadband service is available to the requested service address. If
  it is determined that service is offered to the address, an installation order will be initiated and
  scheduled immediately.
- 2) If the information in the service addressability tool indicates that extension of broadband service to the service address might be possible, a field service technician is dispatched to the customer premise to perform additional diagnostic testing. Such testing will determine whether there are any reasonable adjustments to the network or customer facilities which can be made to enable the provision of service. If tests confirm that broadband service can be offered at the service address, an order is initiated and service is provisioned.
- 3) In situations where Kearsarge Telephone Company's terrestrial broadband service is not available to a requesting customer, Kearsarge Telephone Company has partnered with Dish Network to offer dishNET satellite broadband service to customers. Kearsarge Telephone Company's service advisors are trained to discuss and assist the customer in ordering dishNET broadband service.

As the Commission acknowledged<sup>1</sup>, some of the service areas served by rate of return Carriers like Kearsarge Telephone Company, have characteristics that make it highly cost prohibitive to extend broadband service using terrestrial wireline technology. Except as may be noted in Kearsarge Telephone Company's 5-year plan attached to this filing, any further build-out of terrestrial broadband service to additional locations within its study area will be dependent upon the cost of the technology to be deployed and the capital infrastructure funding level available.

<sup>&</sup>lt;sup>1</sup> See In the Matter of Connect America Fund, WC Docket No. 10-90, Order DA 13-332, released March 3, 2013 at paras 10-11.